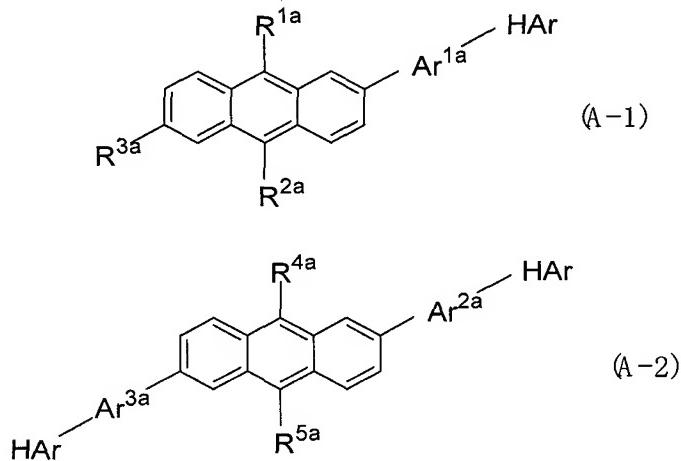


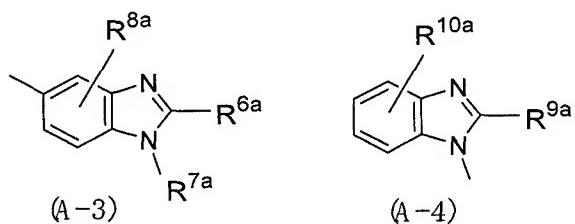
IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A derivative of heterocyclic compound having a nitrogen atom represented by the following general formula (A-1) or (A-2):

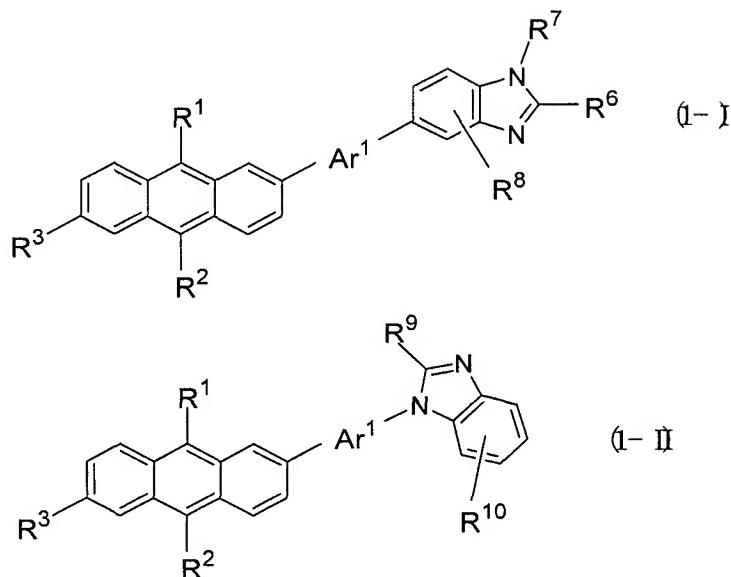


wherein R^{1a} to R^{5a} each represent a substituent, Ar^{1a} to Ar^{3a} each represent a single bond or a divalent connecting group, and HAr represents a group represented by the following general formula (A-3) or (A-4):



wherein R^{6a} to R^{10a} each represent a substituent.

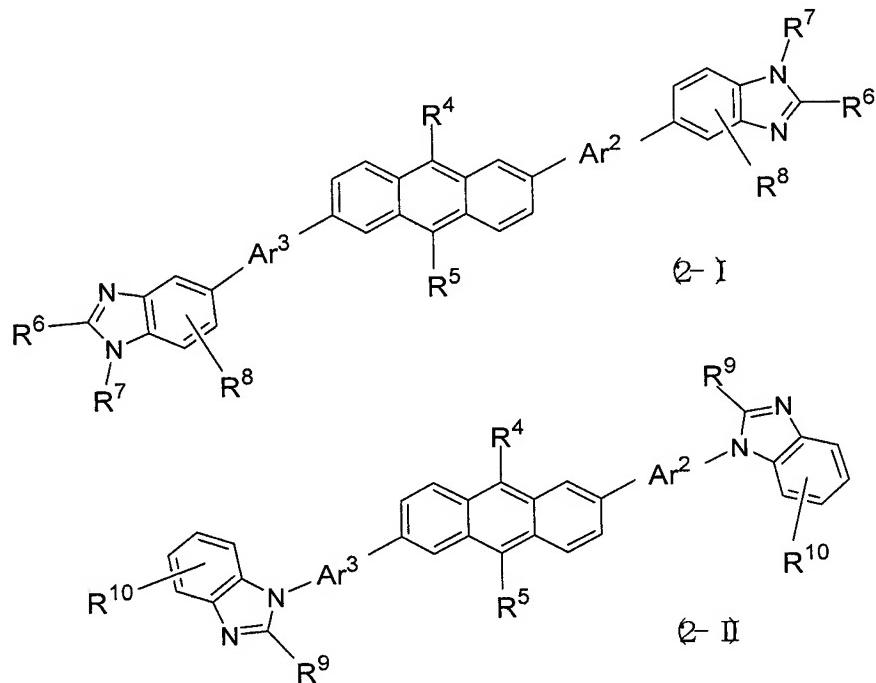
Claim 2 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 1, which has wherein the derivative of heterocyclic compound having a nitrogen atom represented by the general formula (A-1) and is represented by the following general formula (1-I) or (1-II):



wherein R¹ and R² each independently represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; provided that R¹ and R² cannot simultaneously represent hydrogen atoms; R³ represents any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁶ and R⁹ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁷ represents any one selected from a group consisting of a hydrogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁸ and R¹⁰ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group.

heteroaryl group; and Ar¹ represents a group selected from a substituted or unsubstituted arylene group, a substituted or unsubstituted heteroarylene group, and a substituted or unsubstituted divalent aliphatic hydrocarbon group.

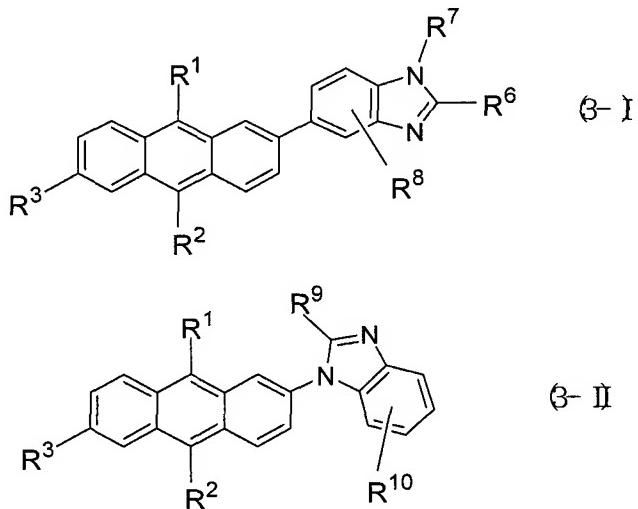
Claim 3 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 1, which has wherein the derivative of heterocyclic compound having a nitrogen atom represented by the general formula (A-2) and is represented by the following general formula (2-I) or (2-II):



wherein R⁴ and R⁵ each independently represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; provided that R⁴ and R⁵ cannot simultaneously represent hydrogen atoms; R⁶ and R⁹ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted alkoxy hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;

R⁷ represents any one selected from a group consisting of a hydrogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁸ and R¹⁰ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aliphatic hydrocarbon alkoxy group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; and Ar² and Ar³ each independently represent a group selected from a substituted or unsubstituted arylene group, a substituted or unsubstituted heteroarylene group, and a substituted or unsubstituted divalent aliphatic hydrocarbon group.

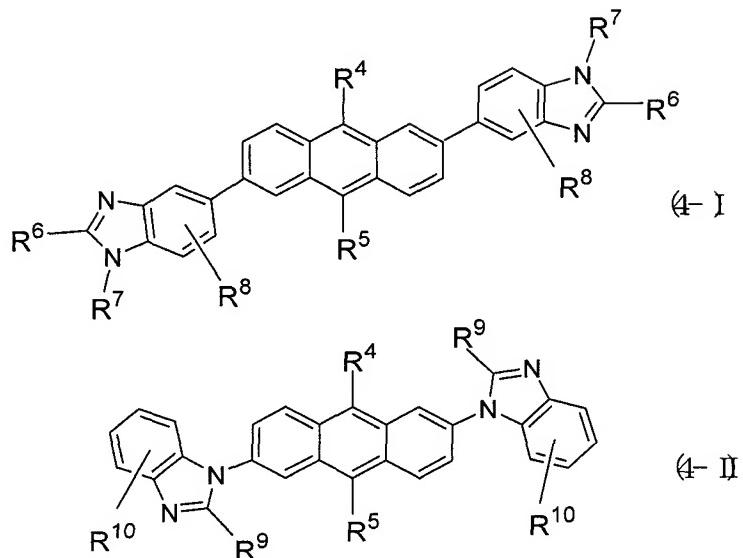
Claim 4 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 1, which has wherein the derivative of heterocyclic compound having a nitrogen atom represented by the general formula (A-1) and is represented by the following general formula (3-I) or (3-II):



wherein R¹ and R² each independently represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or

unsubstituted heteroaryl group; provided that R¹ and R² cannot simultaneously represent hydrogen atoms; R³ represents any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁶ and R⁹ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁷ represents any one selected from a group consisting of a hydrogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁸ and R¹⁰ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group.

Claim 5 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 1, which has wherein the derivative of heterocyclic compound having a nitrogen atom represented by the general formula (A-2) and is represented by the following general formula (4-I) or (4-II):

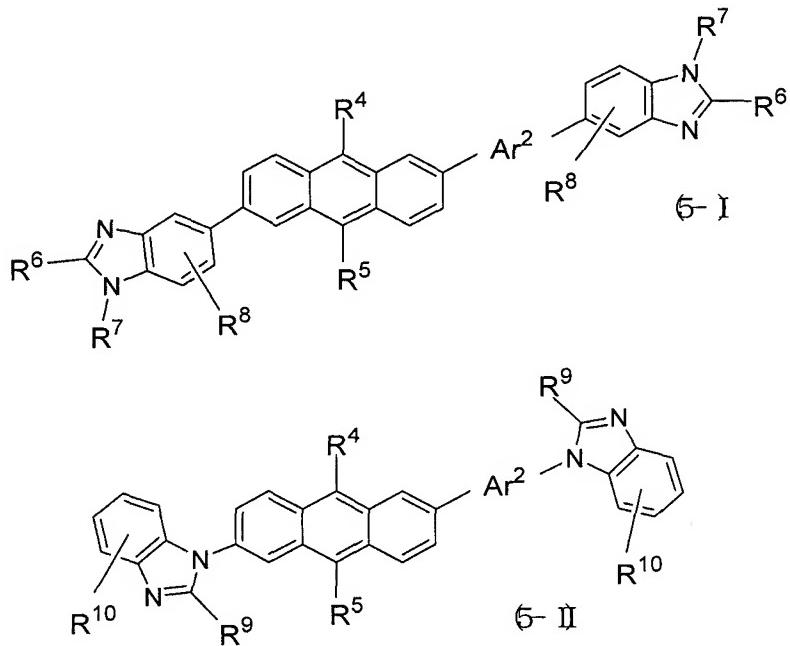


wherein R⁴ and R⁵ each independently represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; provided that R⁴ and R⁵ cannot simultaneously represent hydrogen atoms; R⁶ and R⁹ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁷ represents any one selected from a group consisting of a hydrogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁸ and R¹⁰ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group.

Claim 6 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 1, which has wherein the derivative of heterocyclic

compound having a nitrogen atom represented by the general formula (A-2) and is

represented by the following general formula (5-I) or (5-II):



wherein R⁴ and R⁵ each independently represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; provided that R⁴ and R⁵ cannot simultaneously represent hydrogen atoms; R⁶ and R⁹ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; R⁷ represents any one selected from a group consisting of a hydrogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group; [[R⁶]] R⁸ and R¹⁰ each represent any one selected from a group consisting of a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic hydrocarbon group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted alkoxy group, a

substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;
and

Ar^2 represents a group selected from a substituted or unsubstituted arylene group, a substituted or unsubstituted heteroarylene group, and a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 7 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 1, wherein HAr is represented by general formula (A-3) and wherein R^{7a} in the general formula (A-3) represents a substituted or unsubstituted aliphatic hydrocarbon group, or Ar^{1a} to Ar^{3a} in the general formulae (A-1) and (A-2) each represent a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 8 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 2, which has the general formula (1-I) and wherein R⁷ in the general formula (1-I), (2-I), (3-I), (4-I), or (5-I) represents a substituted or unsubstituted aliphatic hydrocarbon group, or Ar^1 to Ar^3 in the general formula (1-I), (2-I), (3-I), (4-I), or (5-I) each represent represents a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 9 (Currently Amended): A derivative of heterocyclic compound having a nitrogen atom according to claim 2, which has the general formula (1-II) and wherein Ar¹ to Ar³ in the general formula (1-II), (2-II), (3-II), (4-II), or (5-II) each represent represents a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 10 (Previously Presented): An organic electroluminescence device comprising:

- a cathode;
- an anode; and

one or more organic thin-film layers sandwiched between the two electrodes and having at least a light-emitting layer, wherein at least one layer among the organic thin-film layers comprises the derivative of heterocyclic compound having a nitrogen atom according to claim 1.

Claim 11 (Original): An organic electroluminescence device according to claim 10, which comprises the derivative of heterocyclic compound having a nitrogen atom mainly in a light-emitting domain.

Claim 12 (Previously Presented): An organic electroluminescence device according to claim 10, which comprises the derivative of heterocyclic compound having a nitrogen atom mainly in a light-emitting layer.

Claim 13 (Original): An organic electroluminescence device according to claim 10, wherein:

- the organic thin-film layer comprises at least one of an electron-injecting layer or an electron-transporting layer; and

- the derivative of heterocyclic compound having a nitrogen atom comprises at least one of a material for the electron-injecting layer or a material for the electron-transporting layer.

Claim 14 (Original): An organic electroluminescence device according to claim 13, wherein at least one of the electron-injecting layer or the electron-transporting layer contains a reductive dopant.

Claim 15 (Original): An organic electroluminescence device according to claim 14, wherein the reductive dopant comprises one or more kinds of substances selected from the group consisting of an alkali metal, an alkali earth metal, a rare earth metal, an oxide of an alkali metal, a halide of an alkali metal, an oxide of an alkali earth metal, a halide of an alkali earth metal, an oxide of a rare earth metal, a halide of a rare earth metal, an organic complex of an alkali metal, an organic complex of an alkali earth metal, and an organic complex of a rare earth metal.

Claim 16 (New): A derivative of heterocyclic compound having a nitrogen atom according to claim 3, which has the general formula (2-I) and wherein R⁷ represents a substituted or unsubstituted aliphatic hydrocarbon group, or Ar² and Ar³ each represent a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 17 (New): A derivative of heterocyclic compound having a nitrogen atom according to claim 4, which has the general formula (3-I) and wherein R⁷ represents a substituted or unsubstituted aliphatic hydrocarbon group.

Claim 18 (New): A derivative of heterocyclic compound having a nitrogen atom according to claim 5, which has the general formula (4-I) and wherein R⁷ represents a substituted or unsubstituted aliphatic hydrocarbon group.

Claim 19 (New): A derivative of heterocyclic compound having a nitrogen atom according to claim 6, which has the general formula (5-I) and wherein R⁷ represents a substituted or unsubstituted aliphatic hydrocarbon group, or Ar² represents a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 20 (New): A derivative of heterocyclic compound having a nitrogen atom according to claim 3, which has the general formula (2-II) and wherein Ar² and Ar³ each represent a substituted or unsubstituted divalent aliphatic hydrocarbon group.

Claim 21 (New): A derivative of heterocyclic compound having a nitrogen atom according to claim 6, which has the general formula (5-II) and wherein Ar² represents a substituted or unsubstituted divalent aliphatic hydrocarbon group.